

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An interactive radio frequency tag apparatus, comprising:
a passive radio frequency transponder, including,
an antenna,
an interface for receiving an external stimulus associated with an environmental condition, and
one or more integrated circuits responsive to the external stimulus received at said interface to irreversibly change a state of said transponder between a first active state in which the transponder provides a first active response when polled by a polling device and a second active state in which the transponder provides a second active response when polled by said polling device, wherein the environmental condition causes an irreversible change in a material property of a component of the interface such that the transponder remains in the second active state even if power is not supplied continuously to the interactive radio frequency tag apparatus;
a switch connecting said one or more integrated circuits to said interface for receiving an external stimulus, wherein the switch must be closed in order for the state of the passive radio frequency transponder to be read; and
an output device configured to generate a signal corresponding to the first active response and the second active response, when said interactive radio frequency tag apparatus is polled.
- 2 - 6. (Canceled)
7. (Previously Presented) The apparatus of claim 1, wherein said output device generates a visible signal.
8. (Previously Presented) The apparatus of claim 1, wherein said output device generates an audible signal.

9. (Previously Presented) The apparatus of claim 1, wherein said output device generates a tactile signal.

10-19. (Canceled)

20. (Previously presented) The apparatus of claim 1, wherein said interface comprises a sensor for detecting temperature, a transducer, and a variable voltage sensor.

21. (Previously Presented) The apparatus of claim 1, wherein said output device is at least one of a light-emitting diode and a speaker.

22. (Previously Presented) A method of changing the response provided by a polled radio frequency tag, comprising:

providing an interactive radio frequency tag apparatus, having, a passive radio frequency transponder, including,

an antenna,

an interface for receiving an associated with an environmental condition, and

one or more integrated circuits responsive to the external stimulus received at said interface to irreversibly change a state of said transponder between a first active state in which the transponder provides a first active response when polled by a polling device and a second active state in which the transponder provides a second active response when polled by said polling device, wherein the environmental condition causes an irreversible change in a material property of a component of the interface such that the transponder remains in the second active state even if power is not supplied continuously to the interactive radio frequency tag apparatus;
applying the external stimulus to said interface to irreversibly change the state of said transponder;

connecting said one or more integrated circuits to said interface for receiving an external stimulus and

generating a signal corresponding to the first active response and the second active response, as applicable depending on the state of the transponder, when said interactive radio frequency tag apparatus is polled.

23. (Original) The method of claim 22, further comprising generating a signal indicating that the state of said radio frequency transponder has changed.

24. (Original) The method of claim 23, wherein said signal is visible.

25. (Original) The method of claim 23, wherein said signal is audible.

26. (Original) The method of claim 23, wherein said signal is tactile.

27. (Previously Presented) The method of claim 22, wherein said interface comprises one or more buttons.

28. (Original) The method of claim 22, wherein said interface comprises a sensor.

29-30. (Canceled)